

MEMO

To: David Berry, USEPA
cc: Barbara Nelson, Kirk Roegner
From: Bill Brattin, SRC
Date: 07-22-2013
Subj: Increased Funding for Task Order 0005 (Libby)
cc: Jane Gerard, SRC

David

As you know, EPA recently extended the period of performance on Task 0005 (Libby Asbestos Superfund Site Risk Assessment Support) by six months (through 12/31/2103). In addition, the level of effort needed to support Region 8 respond to comments from the SAB and NCEA on the development of the RfC for Libby Amphibole has been higher than expected. Although the additional cost is difficult to gauge due to uncertainty in the level of effort that remains, I estimate that an additional \$15,000 will likely be needed to allow completion of the work assignment. Consequently, I have asked SRC's contract department to submit a revised work plan and cost estimate for EPA's consideration.

Please do not hesitate to contact me if you have any questions, or if you need any additional information.

This memo presents REVISION 3 to the work plan and cost estimate for Task Order 005 under the referenced contract and order number. This revision includes additional funding to allow SRC to maintain an additional six months of support (through 12/31/2103) to EPA in the development of the inhalation RfC for Libby Amphibole (Task 1) and in other on-going risk assessment related tasks for the Libby Superfund Site (Task 2).

WORK PLAN AND COST ESTIMATE

Table 1 provides the names of technical staff that SRC proposes to perform the tasks specified in the Task Order, along with the estimated labor costs associated with each task.

KEY ASSUMPTIONS

Travel: SRC assumed that no travel except for SRC staff travel to local libraries for document retrieval will be required.



SRC, Inc.
999 18th Street, Suite 1150
Denver, CO 80202

**PROPOSED WORK PLAN – REVISION 3
TASK ORDER 0005**

LIBBY ASBESTOS SUPERFUND SITE HUMAN HEALTH RISK ASSESSMENT

To: Kirk Roegner (EPA Region 8 Contract Officer)
Barbara Nelson (EPA Region 8 Project Officer)
cc: Project File
From: William Brattin (SRC WAM)
Date: 07/22/13
RE: Contract Number: GS-00F-0019L
Order Number: EP-S8-11-03/SRC Inc.
Task Order: 0005
Title: Libby Asbestos Superfund Site Human Health Risk Assessment
SRC Project Number: FA535.005
Period of Performance: Task Award to 12/31/2013

This memo presents REVISION 3 to the work plan and cost estimate for Task Order 005 under the referenced contract and order number. This revision includes additional funding to allow SRC to maintain an additional six months of support (through 12/31/2103) to EPA in the development of the inhalation RfC for Libby Amphibole (Task 1) and in other on-going risk assessment related tasks for the Libby Superfund Site (Task 2).

WORK PLAN AND COST ESTIMATE

Table 1 provides the names of technical staff that SRC proposes to perform the tasks specified in the Task Order, along with the estimated labor costs associated with each task.

KEY ASSUMPTIONS

Travel: SRC assumed that no travel except for SRC staff travel to local libraries for document retrieval will be required.

ODCs: SRC assumed that all draft reports will be generated and distributed electronically, and no hard copy reports will be required except for final reports (7 hard copies of each). SRC assumed that no more than 1000 pages of copying (black and white) will be required to produce hard copy final reports, and that no more than four express deliveries of documents to EPA or others will be required. SRC assumed that the cost of new literature retrieval would not exceed \$160 (unburdened).

Task 1 – Support for Non-Cancer Toxicity Factor (RfC)

- The Quality Assurance Project Plan [QAPP] for Task 1 is completed. SRC assumed that no update will be required.
- Modeling will include calculations requested EPA's Science Advisory Board (SAB) and others, as may be determined by the EPA technical contact.
- The model inputs will be the most recent data provided by the University of Cincinnati.
- SRC will assist EPA in making revisions to Appendix E of the final Toxicity Review for LA, as may be needed to present and document new modeling calculations.

Subtask #1 – Revisions to the RfC Supporting Data and Documentation

- SRC has established a subcontract with the research team at the University of Cincinnati (U of C) who obtained the data and developed the job-exposure matrix (JEM) for workers at the Marysville plant.
- Under SRC's oversight, the U of C subcontractor team has assisted EPA manage the data and make revisions to Appendix F of the Toxicity Review. This task is essentially complete, and only minimal additional support will be required.

Task 2 – Technical Review and Oversight for the Conduct of Risk Assessments for Libby

- SRC shall provide senior technical review, oversight, strategic planning, critical flaw analysis, and/or high level statistical evaluation of various aspects of the risk assessment process/components for the Libby Asbestos Superfund site.
- SRC will prepare a brief QAPP for efforts where SRC is responsible for collection of environmental data or exposure modeling.
- SRC senior staff will assist EPA in drafting scientific and technical publications detailing scientific results from the field investigations conducted at the Libby site. This may involve a wide range of support, including review of scientific content, authoring text, performing statistical calculations, responding to comments, developing improved analytical methods, etc.
- SRC will provide senior technical review and input for post-remediation risk assessments for OU-1 and OU-2, the residential/cumulative risk assessment for OU-4, the revised risk

assessment for OU-5, and the risk assessment drafted for OU-6. Technical review may also include risk assessments for OU-7 and OU-8. This support will include providing written and verbal review comments and attending conference calls and meetings with EPA

- SRC shall also provide senior technical review and input for Feasibility Studies that will be performed for OU-4, OU-5, and OU-6.

POINT OF CONTACT

If you have any technical questions or concerns, please do not hesitate to contact William Brattin at (303) 357-3121, or by e-mail at brattin@srcinc.com.

- SRC has established a subcontract with the research team at the University of Cincinnati (U of C) who obtained the data and developed the job-exposure matrix (JEM) for workers at the Marysville plant.
- Under SRC's oversight, the U of C subcontractor team has assisted EPA manage the data and make revisions to Appendix F of the Toxicity Review. This task is essentially complete, and only minimal additional support will be required.

Task 2 – Technical Review and Oversight for the Conduct of Risk Assessments for Libby

- SRC shall provide senior technical review, oversight, strategic planning, critical flaw analysis, and/or high level statistical evaluation of various aspects of the risk assessment process/components for the Libby Asbestos Superfund site.
- SRC will prepare a brief QAPP for efforts where SRC is responsible for collection of environmental data or exposure modeling.
- SRC senior staff will assist EPA in drafting scientific and technical publications detailing scientific results from the field investigations conducted at the Libby site. This may involve a wide range of support, including review of scientific content, authoring text, performing statistical calculations, responding to comments, developing improved analytical methods, etc.
- SRC will provide senior technical review and input for post-remediation risk assessments for OU-1 and OU-2, the residential/cumulative risk assessment for OU-4, the revised risk



Redefining possible

Defense > Environment > Intelligence

Task Order Cost Proposal

For

Contract No. EP S80103
Schedule No. GS-0010019L
Task Order No. 0005
SRC Proposal No. 15 F0005.03

Entitled

**Libby Asbestos Superfund Site
Human Health Risk Assessment**

Prepared by

Jane A. Gerard
2013.07.23 10:06:06
-04'00"

**Jane A. Gerard,
Sr. Contract Administrator**

SRC, Inc.

**7502 Round Pond Road
North Syracuse, NY 13212
(315) 452-8474**

Prepared for

**Environmental Protection Agency
Program Contract Services (3803R)
1200 Pennsylvania Ave. NW
Washington, DC 20460**

RESTRICTION ON DISCLOSURE AND USE OF DATA (SRC 1992)

This proposal or quotation includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed in whole or in part for any purpose other than to evaluate this proposal or quotation. If however, a contract is awarded to this offeror or quoter as a result of or in connection with the submission of this data, the Government shall have the right to duplicate, use or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this proposal or quotation if it is obtained from another source without restriction. The data subject to this restriction are found those pages marked with the following legend, "USE OR DISCLOSURE OF DATA CONTAINED IN THIS PAGE IS SUBJECT TO THE RESTRICTIONS ON THE COVER SHEET OF THIS PROPOSAL"

TABLE 1 - REVISION 3
STAFFING PLAN FOR TASK ORDER 157FA.005.03
LIBBY ASBESTOS SUPERFUND SITE RISK ASSESSMENT SUPPORT

LABOR SUMMARY		ESTIMATED LEVEL OF EFFORT				Total
GSA Labor Category	GSA Hourly Labor Rate	Task 1 SRC Support for Non-cancer R/C	Task 1a University of Cincinnati Support	Task 2 Technical Review and Oversight for Risk Assessment	Hours	Cost
Specialist 1	\$58.02					
Scientist 1	\$79.20					
Scientist 3	\$92.68					
Scientist 4	\$111.22					
Scientist 5	\$132.73					
Scientist 6	\$156.62					
Technical Mgr 1	\$218.70					
Technical Mgr 2						
Labor Total	Labor Hours Labor Costs	\$29,417	\$2,120	\$79,697		\$111,235
NON-LABOR (BURDENED)						
Other Direct Costs (ODC)						
SRC Travel		\$0	\$0	\$50		\$50
FedEx/Copy/Misc		\$79	\$287	\$189		\$554
Subcontractors						
Original (4/18/12)		\$0	\$29,689	\$0		\$29,689
Increment 1 (9/7/12, Mod. 001)		\$0	\$20,000	\$0		\$20,000
Increment 2 (Proposed)		\$0	\$15,000	\$0		\$15,000
Revised Total		\$0	\$64,689	\$0		\$64,689
OTHER						
Non-SRC Travel		\$0	\$0	\$0		\$0
Non-SRC ODC		\$0	\$0	\$0		\$0
Non-Labor Total		\$79	\$64,976	\$239		\$65,293
TASK ORDER 157FA.005.03 TOTAL						
		\$29,496	\$67,096	\$79,938		\$176,529
Original (4/18/12)		\$20,860	\$32,096	\$73,574		\$126,529
Increment 1 (9/7/12, Mod. 001)		\$0	\$20,000	\$0		\$20,000
Increment 2 (3/1/13, Mod. 002)		\$0	\$15,000	\$0		\$15,000
Increment 3 (proposed)		\$8,636	\$0	\$6,364		\$15,000